

Grants by Grant Cycle

Grants matching your search for 2011-12 Rubberized Pavement Grant Program (TRP2)

Alameda County

Grantee: City of Fremont

Amount Awarded: \$250,000.00

Grantee Contact: Craig Covert

CalRecycle Grant manager: Loreto Tamondong

Project Summary: City of Fremont 2012 Cape Seal Project 8195-D (PWC)

The project will install a rubberized cape seal on various streets throughout the City.

Total Awarded for County:\$250,000.00

Los Angeles County

Grantee: City of Claremont

Amount Awarded: \$70,673.00

Grantee Contact: Mr Vincent Ramos

CalRecycle Grant manager: Victoria Rocha

Project Summary: Resurfacing of American Avenue (Indian Hill - Mills), Mountain Avenue (Arrow - I-10), Indian Hill (Harrison - Foothill) and Indian Hill (Foothill - Base Line). These 4 streets will be split into two projects. Indian Hill (Foothill - Base Line) will be done as a separate project.

Grantee: City of Monterey Park

Amount Awarded: \$250,000.00

Grantee Contact: Ms. Amy Ho

CalRecycle Grant manager: Victoria Rocha

Project Summary: City will use RAC material in the street resurfacing project that is scheduled for construction in February 2012. An estimated 28,749 tons of RAC material will be used. The City has received two previous grants and the ratio of reimbursement is 40% of a differential cost of \$29.

Grantee: City of Santa Clarita

Amount Awarded: \$250,000.00

Grantee Contact: Ms Debbie O'Leary

CalRecycle Grant manager: Victoria Rocha

Project Summary: This proposed project is a large project with a combination of both asphalt overlay and chip seal. It will include terminal blend rubberized oil. A minimum of 250,000 square yards of chip seal material will be used. The location of construction includes numerous streets throughout the City of Santa Clarita. Construction is proposed to begin in July 2012.

Grantee: Los Angeles County

Amount Awarded: \$250,000.00

Grantee Contact: Nydia Rivas

CalRecycle Grant manager: Victoria Rocha

Project Summary: Road pavement resurfacing using 3/8 inch thick rubberized asphalt chip seal interlayer - Asphalt Rubber Aggregate Membrane (ARAM) at Crenshaw Blvd Et Al, Wilshire Blvd Et Al, and Maplegrove Street Et Al in the unincorporated areas of Los Angeles County.

Total Awarded for County:\$820,673.00

Orange County

Grantee: City of Huntington Beach
Amount Awarded: \$250,000.00
Grantee Contact: James Wagner, PE
CalRecycle Grant manager: Victoria Rocha

Project Summary: Rubberized Pavement Grant Summary

The City's typical two-inch (2") layer of Rubberized Asphalt Concrete (RAC) is estimated to include about 2000 California waste tires per lane mile. The City will place rubberized pavement over approximately 24 lane miles, which recycles approximately 48,000 tires, in a two-year period. This equates to approximately 23,810 tons of RAC during this RAC-2 Rubberized Pavement Grant period from NTP to April 2014.

The City has previous experiences using rubberized asphalt concrete pavement for the rehabilitation of arterial streets. In the previous two years, the City of Huntington Beach has paved eight (8) arterial streets with rubberized asphalt concrete. The rubberized pavement has provided evenly colored, quiet, and pleasant driving surface throughout our newly paved roads and supports the City's efforts in continuing to pursue environmentally friendly recycling efforts. We publicize the RAC-1 CalRecycle Rubberized Asphalt Grant on the City's Web-Site at http://www.huntingtonbeachca.gov/government/departments/public_works/rubberized-asphalt-project.cfm

The CalRecycle RAC-2 grant will be used to provide funding assistance to the City's transportation and environmental efforts on arterial streets.

Project Selection Method

The City's budget will provide for pavement rehabilitation of 6 miles of full width arterial streets in the next two years during the RAC-2 Rubberized Pavement Grant period. The rehabilitated arterial streets have been selected based on Pavement Condition Index as identified by the City's Pavement Management Program. This systematic method assures that the funds go first to the more severely deteriorated streets.

Rubberized Pavement Design

The City Public Works Department rehabilitates deteriorated arterial streets to last another 10 to 20 years. The arterial streets will be evaluated for existing conditions based on traffic volume and existing soil properties. The Engineer will design a pavement section that will meet the objective of street longevity using a pavement section including 2" of RAC. The pavement sections are incorporated into the plans and specifications and the Public Works Commission will review it before it is publicly advertised for open competitive public bidding. After bids are opened publicly, the City Council at a Public Council Meeting will review bid results and will approve the contract and approve funding for construction.

Rubberized Pavement Construction

Following a pre-construction meeting, the City will issue a Notice to Proceed for the Contractor to proceed with the rehabilitation of the arterial streets listed in Table 1.

Table 1. Huntington Beach RAC-2 Rehabilitation Summary

Construction Dates	Arterial Streets	RAC TONS
05/2012	Center Ave. from Railroad to One Pacific Plaza.....	1,255
05/2012	Springdale Street from Warner Avenue to Edinger Avenue.....	4,950
08/2012	Garfield Avenue from Delaware Street to Beach Boulevard.....	2,510
08/2012	Heil Avenue from Gothard Street To Silver Street.....	2,510
08/2012	Main Street from Adams Avenue To Yorktown Avenue.....	2,510
08/2013	Argosy Avenue from Bolsa Chica Street to Graham Street.....	2,510
08/2013	Atlanta Avenue from Beach Boulevard to Newland Street.....	2,510
08/2013	Garfield Avenue from Magnolia Street to Bushard Street.....	2,510
08/2013	Springdale Street from Bolsa Avenue to Chinock Avenue.....	1,290
02/2014	Yorktown Avenue from Goldenwest Street to Main Street.....	1,255
Total New Pavement Arterial Streets.....		23,810

The City's Construction Management Group, including inspectors, will monitor the construction process and quality of work. Periodic testing for proper density and asphalt concrete mix will make sure that the Rubberized Asphalt Concrete cap meets requirements and was installed properly. The City will accept or reject portions of the project based on the completion of all requirements of the Plans and Specifications including verification of pavement mix and source to assure that the RAC is from 100% California waste tires and meets min 300 pounds of tire-derived crumb rubber per ton of rubberized binder.

The City will request the maximum RAC-2 grant of two hundred and fifty thousand dollars (\$250,000) based on 23,810 tons to be used during the program. The City's historical cost data was used for the cost of asphalt.

Table 2: Calculation for RAC-2 Grant

23,810 RAC (Tons) X (\$88 - \$73) Differential RAC \$/Ton X 70% Reimburse Rate = \$250,000 Total

Placer County

Grantee: City of Rocklin

Amount Awarded: \$132,478.00

Grantee Contact: Justin Nartker

CalRecycle Grant manager: Loreto Tamondong

Project Summary: Apply rubberized chip seal to various streets city-wide, as specified on Calculation Summary included with this application.

Total Awarded for County:\$132,478.00

Riverside County

Grantee: City of Blythe

Amount Awarded: \$54,124.00

Grantee Contact: Mr. Jim Rodkey

CalRecycle Grant manager: Victoria Rocha

Project Summary: The City of Blythe Public Works Department will be using Measure A money to rehabilitate four (4) lane miles of road at two and half inches thick. The overall rubberized asphalt material used will be approximately 290,000 sq ft. or 96.6 sq yds. There are three specific areas that are to be rehabilitated due to a large amount of wear from large traffic volumes. Two of these areas are in a heavily used portion of town that surrounds the local Junior and High Schools. The third area of road is an access to a number of recently built new tract and custom homes. This area is also a major egress and ingress into the city from a major Highway, Hwy 95.

Total Awarded for County:\$54,124.00

Sacramento County

Grantee: Sacramento County

Amount Awarded: \$286,661.00

Grantee Contact: Mr. Kenneth Gaines

CalRecycle Grant manager: Loreto Tamondong

Project Summary: Sacramento County Department of Transportation (SacDOT) is submitting 5 RAC and 5 chip seal projects for funding consideration.

Three of the RAC projects are overlays: Watt Avenue (Antelope Road to Elverta Road), Greenback Lane (Chestnut Avenue to Folsom City limits) and Power Inn Road (Calvine Road to Elk Grove City limits). The other two RAC projects are a major interchange modification for Watt Avenue at US 50, and a road widening project on White Rock Road (Grant Line Road to Prairie City Road).

The 5 chip seal locations are the SacDOT Chip Seal Maintenance Project for 2012. Two of the chip seal locations are next to each other in the unincorporated community of Rio Linda; O Street (Dry Creek Road to Rio Linda Boulevard) and 10th Street (O Street to U Street). The other 3 chip seal locations are connected to in the southern unincorporated community of Florin; Lang Avenue (Elder Creek Road to south end), 46th Street (Elder Creek Road to south end), and Masonry Road (Lang Avenue to 46th Street).

All projects are scheduled for construction in summer 2012.

Total Awarded for County:\$286,661.00

San Bernardino County

Grantee: City of Barstow

Amount Awarded: \$250,000.00

Grantee Contact: Mr. Domingo Gonzales

CalRecycle Grant manager: Victoria Rocha

Project Summary: Rubberized Asphalt Concrete (RAC) will be used in the final 2-inches of paving for various street improvement locations.

The anticipated amount of RAC for this project is 14,400 Tons.

Total Awarded for County:\$250,000.00

San Joaquin County

Grantee: City of Stockton

Amount Awarded: \$16,044.00

Grantee Contact: Even Marcelo

CalRecycle Grant manager: Loreto Tamondong

Project Summary: The resurfacing project is the installation of rubberized Chip-seal followed by Micro-surfacing application at various local streets in the City of Stockton. The work includes removal and replacement of pavement striping, pavement markings and pavement legends. The estimated total area of the resurfacing is 307,000 square yard. The chipseal rubber binder will contain a minimum 300 pounds of tire-derived crumb rubber per ton of rubberized binder. The proposed schedule for the project is summer of 2012.

Total Awarded for County:\$16,044.00

Santa Barbara County

Grantee: City of Lompoc

Amount Awarded: \$119,929.00

Grantee Contact: Craig Dierling

CalRecycle Grant manager: Victoria Rocha

Project Summary: Project will place an estimated 119,929 square yards of Rubberized Chip Seal to extend the useful lives of many streets throughout the City. Construction is proposed for either the summer of 2012 or the summer of 2013.

Total Awarded for County:\$119,929.00

Grant Count: 12

Grand Total for Selected Counties: \$2,179,909.00